

Appendix C
Groundwater, Surface Water, and Freshwater Sediment Quality Data

Appendix C provides groundwater, surface water, and freshwater sediment quality data for the Site. Specific notes for the tables are as follows:

1. Blanks indicate no analysis for a specific constituent.
2. Data qualifiers include the following:

U	Not detected at associated detection limit
J	Estimated concentration
UJ	Not detected; associated detection limit is an estimate
R	Rejected data, as determined during data validation
S	Sum of individual constituent concentrations (e.g., total cPAH and total PCBs)
3. Surface water sample ID suffixes include the month and year of sample collection (e.g., -3-88 sample ID suffix indicates sample collection in March 1988).
4. Field duplicate samples are designated with sample ID suffixes of D or DUP (these suffixes have identical meanings).

Groundwater Quality Data

Table C-1 - Summary of Total DNT Data for Groundwater

LOCATION	TOTAL DINITROTOLUENE CONCENTRATION IN µg/L																	
	PRE-RI				RI													
	Oct-88	Jan-89	Nov-89	Aug-90	Mar-92	Jun-92	Sep-92	Oct-92	Dec-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Oct-94	
MW-1	0.05	U	0.05	U	0.05	U	0.05	U	0.02	U								
MW-2	0.08	J	0.05	J					0.02	U	0.05	0.05			0.05			
MW-3	0.32		0.12						0.16	0.16	0.23			0.14		0.13	0.10	0.31
MW-4	0.04	J	0.05	U					0.02	U	0.02	U	0.02	U	0.02	U		
MW-5	0.10		0.07	J					0.02	U	0.02	U	0.04		0.03			
MW-6	0.37		0.05	U					0.02	U	0.23	0.41			0.15			
MW-7	0.05	U	0.05	U					0.02	U	0.02	U	0.02	U	0.02	U	0.16	0.11
MW-8	0.07	J	0.21						0.17	0.10	0.17			0.04	J	0.09	J	0.06
MW-9	0.05	U	0.05	U					0.02	U	0.11	0.02	U		0.03			
MW-11	0.05	U	0.05	U					0.02	U	0.02	U	0.02	U		0.02	U	
MW-12	0.05	U	0.05	U					0.02	U	0.02	U	0.02	U		0.02	U	
MW-13	0.05	U	0.05	U					0.02	U	0.02	U	0.02	U		0.03	J	
MW-14	0.05	U	0.05	U					0.02	U	0.02	U	0.02	U		0.02	U	
MW-15			0.09	J	0.05	U	0.10	J	0.02	U	0.08			0.16	0.07	0.05	J	0.04
MW-16	0.04	J	0.05	U	0.05	U			0.02	U	0.02	U	0.02	U		0.02	U	
MW-17			0.05	U	0.06	U	0.05	U	0.02	U	0.02	U	0.02	U		0.02	U	
MW-18					0.05	U	0.05	U	0.02	U	0.02	J	0.02	U		0.02	U	
MW-19					0.40		0.41		0.25	J	0.19	0.41	0.52		0.22		0.17	0.14
MW-20									0.02	U	0.02	U	0.02	U		0.02	U	
MW-21									0.02	U	0.02	U	0.02	U		0.02	J	
MW-22									0.78	0.31	0.36	0.49		0.27		0.21	0.18	0.12
MW-24									0.02	U	0.05	J	0.05		0.04	J		
MW-27									0.39	0.22	Dry			0.23	0.19	0.14	0.11	Dry
7-B-503									0.04	UJ						0.29	0.63	0.27
Seep-1					0.18		0.10		0.02	U	0.02	U	0.13		0.08		0.15	0.07
Seep-2					0.05	U	0.05	U	0.02	U	0.02	U	0.02	U		0.02	U	
SPR-4	0.05	U	0.05	U					0.02	U	0.02	U	0.02	U		0.02	U	
W-1																0.56	0.27	Dry
W-2																	Dry	Dry
W-3																0.02	U	

Notes:

Blanks indicate no analysis

U: not detected at associated reporting limit concentration

J: estimated concentration

NS: Not sampled in accordance with Ecology agreement for interim sampling dated March 6, 1998

Analyses performed by MultiChem Analytical Services Inc., except for March 2000 data which were performed by Sound Analytical Inc.

Total DNT equals sum of 2,4-DNT and 2,6-DNT concentrations with 1/2 detection limits used for nondetects.

Table C-1 - Summary of Total DNT Data for Groundwater

LOCATION	TOTAL DINITROTOLUENE CONCENTRATION IN µg/L																
	RI																
	Jan-95	Apr-95	Jul-95	Oct-95	Jan-96	Apr-96	Jul-96	Oct-96	Jan-97	Apr-97	Jul-97	Oct-97	Mar-98	Mar-99	Mar-00	Mar-01	
MW-1																	
MW-2																	
MW-3	0.13	0.16	0.19	0.25	0.14	0.09	0.04	0.11	0.14	0.56	0.16	0.15	0.16	J	0.07	Dry	0.06 U
MW-4																	
MW-5																	
MW-6	0.44	0.26	0.50	0.31	0.38	0.27	0.35	0.27	0.43	0.39	0.33	0.23	0.33	0.08	0.38	0.06	U
MW-7																	
MW-8	0.21	0.12	0.19	0.13	0.18	0.17	0.07	0.08	0.12	0.13	0.12	0.11	NS	NS	NS	NS	NS
MW-9																	
MW-11																	
MW-12																	
MW-13																	
MW-14																	
MW-15	0.16	0.16	Dry	Dry	0.10	0.09	Dry	Dry	0.03	0.08	Dry	Dry	NS	NS	NS	NS	NS
MW-16																	
MW-17																	
MW-18																	
MW-19	0.43	0.42	0.29	0.46	0.50	0.40	0.16	0.22	0.32	0.90	0.43	0.36	0.37	0.07	0.44	0.06	U
MW-20																	
MW-21																	
MW-22	0.52	0.35	0.46	0.27	0.42	0.87	0.23	0.11	0.52	0.53	0.24	0.17	0.39	0.05	0.30	0.06	U
MW-24																	
MW-27	3.8	0.68	Dry	Dry	0.41	Dry	Dry	Dry	1.7	Dry	Dry	Dry	NS	NS	NS	NS	NS
7-B-503																	
Seep-1	0.20	0.22	0.20	0.08	0.14	0.12	0.08	0.14	0.25	0.27	0.02	U	0.03	U	NS	NS	NS
Seep-2																	
SPR-4																	
W-1																	
W-2																	
W-3																	

Notes:

Blanks indicate no analysis

U: not detected at associated reporting limit concentration

J: estimated concentration

NS: Not sampled in accordance with Ecology agreement for interim sampling dated March 6, 1998

Analyses performed by MultiChem Analytical Services Inc.

Total DNT equals sum of 2,4-DNT and 2,6-DNT concentrations with 1/2 detection limits used for nondetects.

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Table C-2 - Summary of NAX Results for Filtered and Unfiltered Groundwater Samples

<u>Analyte</u>	<u>Concentration in $\mu\text{g/L}$*</u>			<u>Concentration in $\mu\text{g/L}$*</u>		
	<u>MW-19 (Unfiltered)</u>	<u>MW-19F (Filtered)</u>	<u>MW-19 Filtrate (Particulate)</u>	<u>MW-22 (Unfiltered)</u>	<u>MW-22F (Filtered)</u>	<u>MW-22 Filtrate (Particulate)</u>
2,4-DNT	0.19	0.32	0.031 U	0.12	0.13	0.031 U
2,6-DNT	0.33	0.25	0.013 U	0.37	0.38	0.013 U
2,4,6-TNT	0.14	0.13	0.13 U	0.13 U	0.13 U	0.13 U
NB	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,3-DNB	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,3,5-TNB	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U

Notes:

- 1) * Particulate concentrations are per liter of water filtered (1 liter per sample).
- 2) Samples collected in October 1992.
- 3) U Not detected at indicated concentration.

Table C-3 - Summary of Nitrate Data for Groundwater

Sample Number	Nitrate as Nitrogen Concentration in mg/L								RI					
	Pre-RI		Dec-86	Mar-88	Apr-88	Jun-88	Oct-88	Jan-89	Nov-89	Aug-90	Mar-92	Jun/Jul-92	Sep-92	Dec-92
MW-1			4.2			4.8	4.2	5.4	3.7	4.2	3.4	3.4	0.73	8.2
MW-2			1.4			1.4	1.5	1.4			1.2	1.43 J	1.2	1.2
MW-3			1.2			1.4	1.4	1.3		2.1	1.3	1.72 J	1.9	1.7
MW-4			1.6			1.6	1.6	1.5			1.2	1.35	1.56	1.3
MW-5			2.3			2.7	6.0	7.5			1.5	1.58	1.73	2.1
MW-6			13.0	14.0		8.2	9.8	9.5		7.5	7.1	6.0	8.5	6.1
MW-7			0.5			0.23	0.21	0.44			0.62	0.27 J	0.17	0.3
MW-8			0.7			0.62	0.38	0.94		0.28	0.54	0.65	0.56	0.34
MW-9			0.2 U			0.044	0.041	0.029			0.41	0.27	0.09	0.19
MW-11			1.0	1.1		1.1	0.92	2.3			1.1	1.29 J	0.96	1.0
MW-12			1.0	1.1		1.6	1.1	1.1			1.4	1.39 J	1.2	1.1
MW-13			13.0	9.6		6.4	8.5	10.0		4.6	4.2	1.75 J	4.2	3.1
MW-14			1.4			0.68	9.2	3.4			1.2	0.67	2.8	2.8
MW-15			0.3			1.4		1.5	1.7	1.7	2.1	1.4		1.4
MW-16			1.2			0.89	1.6	1.1	1.1		1.1	1.26	1.1	1.0
MW-17							0.36				0.37	0.59	0.26	0.43
MW-18									1.3	0.23	0.1 U	0.25	0.32	0.19
MW-19									5.9	5.4		4.0	4.9	4.2
MW-20												1.0	0.9	1.1
MW-21												0.7	1.03	1.0
MW-22												0.1 U	9.9	10.3
MW-24												0.27	0.35 J	0.33
MW-27												0.41	0.22	DRY
7-B-503														
SEEP1									1.2	1.4		0.9	1.07	1.1
SEEP2									0.31	0.3		0.31	0.29	0.33
SPR-4			0.28	0.3		0.22	0.51	0.79			0.27	0.14	0.08	0.13

Notes:

- 1) U: not detected at associated concentration
J: estimated concentration
- 2) Blanks indicate no analysis.
- 3) Pre-RI analyses performed by Laucks Testing Labs; RI analyses performed by Analytical Technologies Inc

Surface Water and Freshwater Sediment Quality Data

The following appendix material was developed in draft form by Hart Crowser for the 1994 Draft RI (Hart Crowser 1994d). For completeness, it is retained here as it was developed. It includes references to all sampling conducted as specified in the RI/FS Management Plan (Hart Crowser 1992a). As a result, it refers to locations sampled outside the Consent Decree Boundary that will be the subject of additional reports.

Table 1 - Total Metal Results for Surface Water Samples

Sheet 1 of 2

Sample ID:	Sampling Date	Concentration in mg/L							
		Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead
SW-1-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-1-1-89	01/04/89								0.003 U
SW-1-3-92	03/13/92	0.038	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-1-6-92	06/25/92	0.036	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW-1D-6-92	06/25/92	0.046	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW-1-12-92	12/08/92	2.3	0.005 UJ	0.0073	0.002 U	0.0008 UJ	0.01 U	0.014	0.039
SW-1D-12-92	12/08/92	1.4	0.005 UJ	0.025 UJ	0.002 U	0.0008 UJ	0.01 U	0.0096	0.02
SW#2,SW#2	12/02/86		0.005 U				0.005 U		0.01 U
SW-2-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-2-1-89	01/04/89								0.003 U
SW-2-3-92	03/13/92	0.041	0.005 U	0.005 U	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-2-6-92	06/25/92	0.035	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW-2-9-92	09/23/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.0055	0.003 U
SW-2-12-92	12/08/92	0.03 U	0.005 UJ	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW#3,SW#3	12/02/86		0.005 U				0.005 U		0.01 U
SW-3-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-3-1-89	01/04/89								0.003 U
SW-3-3-92	03/13/92	0.036	0.005 U	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-3-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW-3-9-92	09/23/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-3-12-92	12/08/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW#4,SW#4	12/02/86		0.005 U				0.005 U		0.01 U
SW-4-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-4-1-89	01/04/89								0.003 U
SW-4-3-92	03/13/92	0.051	0.005 U	0.005 U	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-4-6-92	06/25/92	0.086	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW#5,SW#5	12/03/86		0.005 U				0.005 U		0.01 U
SW-5-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-5-1-89	01/04/89								0.003
SW-5-3-92	03/16/92	0.036	0.005 U	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-5D-3-92	03/16/92	0.05	0.005 U	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-5-6-92	06/25/92	0.14	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW-5-9-92	09/23/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-5-12-92	12/07/92	0.063	0.005 UJ	0.005 U	0.002 U	0.0002 U	0.01 U	0.0075	0.003 U
SW#6,SW#6	12/03/86		0.005 U				0.005 U		0.01 U
SW-6-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-6-1-89	01/04/89								0.003 U
SW-6-3-92	03/16/92	0.06	0.005 U	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-6-6-92	06/25/92	0.051	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.006	0.003 U
SW-6-9-92	09/23/92	0.15	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.0088	0.0063
SW-6-12-92	12/07/92	0.39	0.005 UJ	0.005 U	0.002 U	0.0002 U	0.01 U	0.005	0.013
SW-7-3-88	02/23/88		0.005 U				0.001 U		0.005 U
SW-7-1-89	01/04/89								0.003 U
SW-7-3-92	03/13/92	0.058	0.005 U	0.005 U	0.002 U	0.0002 U	0.013	0.0074	0.0031
SW-7-6-92	06/25/92	0.043	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-7-9-92	09/23/92	0.047	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.0058	0.003
SW-7D-9-92	09/23/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.0055	0.003 U
SW-7-12-92	12/07/92	0.039	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U

Table C-SW-1 - Total Metal Results for Surface Water Samples

Sheet 2 of 2

Sample ID:	Sampling Date	Concentration in mg/L						
		Mercury	Nickel	Selenium	Silver	Thallium	Zinc	Iron
SW-1-3-88	02/23/88						0.002 B	0.12 B
SW-1-1-89	01/04/89							0.004
SW-1-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.015	
SW-1-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.02	
SW-1D-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.017	
SW-1-12-92	12/08/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.025 UJ	0.042	
SW-1D-12-92	12/08/92	0.0002 U	0.01 U	0.025 UJ	0.0002 U	0.025 UJ	0.03	
SW#2,SW#2	12/02/86							
SW-2-3-88	02/23/88						0.002 B	0.11 B
SW-2-1-89	01/04/89							0.002
SW-2-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.00032	0.005 UJ	0.025	
SW-2-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.014	
SW-2-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW-2-12-92	12/08/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW#3,SW#3	12/02/86							
SW-3-3-88	02/23/88						0.005 B	0.14 B
SW-3-1-89	01/04/89							0.002
SW-3-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.018	
SW-3-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.015	
SW-3-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW-3-12-92	12/08/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW#4,SW#4	12/02/86							
SW-4-3-88	02/23/88						0.003 B	0.8 B
SW-4-1-89	01/04/89							0.016
SW-4-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.014	
SW-4-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.016	
SW#5,SW#5	12/03/86							
SW-5-3-88	02/23/88						0.001 B	0.04 B
SW-5-1-89	01/04/89							0.001 U
SW-5-3-92	03/16/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.032	
SW-5D-3-92	03/16/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.026	
SW-5-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.022	
SW-5-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.011	
SW-5-12-92	12/07/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW#6,SW#6	12/03/86							
SW-6-3-88	02/23/88						0.002 B	0.01 B
SW-6-1-89	01/04/89							0.001 U
SW-6-3-92	03/16/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.012	
SW-6-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.016	
SW-6-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.038	
SW-6-12-92	12/07/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW-7-3-88	02/23/88						0.011 B	0.02 B
SW-7-1-89	01/04/89							0.001
SW-7-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.024	
SW-7-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.015	
SW-7-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.016	
SW-7D-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	
SW-7-12-92	12/07/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U	

Table /-2 - Dissolved Metal Results for Surface Water Samples

Sheet 1 of 2

Sample ID:	Sampling Date	Concentration in mg/L							
		Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead
SW-1-6-88	06/29/88								0.003 U
SW-1-10-88	10/04/88								0.003 U
SW-1-11-89	11/01/89								0.003 U
SW-1D-11-89	11/01/89								0.003 U
SW-1-3-92	03/13/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.0098
SW-1-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.013	0.003 U
SW-1D-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.01	0.003 U
SW-1-12-92	12/08/92	0.06 UJ	0.0056 U	0.005 U	0.002 U	0.0008 UJ	0.01 U	0.0077	0.015 UJ
SW-1D-12-92	12/08/92	0.03 U	0.0065 U	0.025 UJ	0.002 U	0.0008 UJ	0.01 U	0.005	0.003 U
SW-2-6-88	06/29/88								0.003 U
SW-2-10-88	10/04/88								0.003 U
SW-2-3-92	03/13/92	0.03	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-2-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.013	0.003 U
SW-2-9-92	09/23/92	0.03 U	0.0051	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-2-12-92	12/08/92	0.03 U	0.0088 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-3-6-88	06/29/88								0.003 U
SW-3-10-88	10/04/88								0.003 U
SW-3-3-92	03/13/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 UJ	0.01 U	0.14	0.003 U
SW-3-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.009	0.003 U
SW-3-9-92	09/23/92	0.03 U	0.0053	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-3-12-92	12/08/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-4-6-88	06/29/88								0.003 U
SW-4-3-92	03/13/92	0.042	0.005 U	0.005 U	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.0043
SW-4-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.01	0.003 U
SW-5-6-88	06/29/88								0.003 U
SW-5-10-88	10/04/88								0.003 U
SW-5-3-92	03/16/92	0.03 U	0.005 U	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 UJ
SW-5D-3-92	03/16/92	0.03 U	0.0065	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-5-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.009	0.003 U
SW-5-9-92	09/23/92	0.03 U	0.0082	0.005 U	0.002 U	0.0002 U	0.01 U	0.0052	0.003 U
SW-5-12-92	12/07/92	0.03 U	0.0071	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-6-6-88	06/29/88								0.006
SW-6-10-88	10/04/88								0.003 U
SW-6-3-92	03/16/92	0.03 U	0.006	0.005 UJ	0.002 U	0.0002 UJ	0.01 U	0.005 U	0.003 U
SW-6-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.009	0.003 U
SW-6-9-92	09/23/92	0.03 U	0.018	0.005 U	0.002 U	0.0002 U	0.01 U	0.0067	0.003 U
SW-6-12-92	12/07/92	0.03 U	0.0084	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U
SW-7-6-88	06/29/88								0.003 U
SW-7-10-88	10/04/88								0.003 U
SW-7-3-92	03/13/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.0048
SW-7-6-92	06/25/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.01	0.003 U
SW-7-9-92	09/23/92	0.03 U	0.0098	0.005 U	0.002 U	0.0002 U	0.01 U	0.0073	0.003 U
SW-7D-9-92	09/23/92	0.03 U	0.01	0.005 U	0.002 U	0.0002 U	0.01 U	0.0083	0.003 U
SW-7-12-92	12/07/92	0.03 U	0.005 U	0.005 U	0.002 U	0.0002 U	0.01 U	0.005 U	0.003 U

Table C-SW-2 - Dissolved Metal Results for Surface Water Samples

Sheet 2 of 2

Sample ID:	Sampling Date	Concentration in mg/L					
		Mercury	Nickel	Selenium	Silver	Thallium	Zinc
SW-1-6-88	06/29/88						
SW-1-10-88	10/04/88						
SW-1-11-89	11/01/89						
SW-1D-11-89	11/01/89						
SW-1-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.011
SW-1-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.02
SW-1D-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.015
SW-1-12-92	12/08/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.025 UJ	0.01 U
SW-1D-12-92	12/08/92	0.0002 U	0.01 U	0.025 UJ	0.0002 U	0.025 UJ	0.01 U
SW-2-6-88	06/29/88						
SW-2-10-88	10/04/88						
SW-2-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.015
SW-2-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.027
SW-2-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-2-12-92	12/08/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-3-6-88	06/29/88						
SW-3-10-88	10/04/88						
SW-3-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 UJ	0.01 U
SW-3-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.018
SW-3-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-3-12-92	12/08/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-4-6-88	06/29/88						
SW-4-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-4-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.013
SW-5-6-88	06/29/88						
SW-5-10-88	10/04/88						
SW-5-3-92	03/16/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.031
SW-5D-3-92	03/16/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.023
SW-5-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.016
SW-5-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-5-12-92	12/07/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-6-6-88	06/29/88						
SW-6-10-88	10/04/88						
SW-6-3-92	03/16/92	0.0002 U	0.01 U	0.005 UJ	0.0002 U	0.005 U	0.027
SW-6-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.012
SW-6-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.011
SW-6-12-92	12/07/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-7-6-88	06/29/88						
SW-7-10-88	10/04/88						
SW-7-3-92	03/13/92	0.0002 U	0.01 U	0.005 U	0.0004 U	0.005 UJ	0.02
SW-7-6-92	06/25/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.02
SW-7-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U
SW-7D-9-92	09/23/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.011
SW-7-12-92	12/07/92	0.0002 U	0.01 U	0.005 U	0.0002 U	0.005 U	0.01 U

Table U-SW-3 - Nitroaromatic Explosive Results for Surface Water Samples

Sheet 1 of 1

Sample ID:	Sampling Date	Concentration in $\mu\text{g/L}$						
		Nitro-benzene	1,3-Dinitro-benzene	1,3,5-Trinitro-benzene	2,4-Dinitro-toluene	2,6-Dinitro-toluene	2,4,6-Trinitro-toluene	Total DNT
SW-1-10-88	10/04/88				0.01 U	0.01 U	0.01 U	0.010 U
SW-1-1-89	01/04/89				0.05 U	0.01 J	0.05 U	0.035 J
SW-1-11-89	11/01/89				0.05 U	0.05 U	0.05 U	0.050 U
SW-1-3-92	03/13/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-1-6-92	06/25/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-1D-6-92	06/25/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-1-12-92	12/08/92	8.5 U	2.2 U	0.8 U	0.16 U	0.065 U	0.65 U	0.113 U
SW-1D-12-92	12/08/92	8.5 U	2.2 U	0.8 U	0.16 U	0.065 U	0.65 U	0.113 U
SW-2-10-88	10/04/88				0.01 U	0.01 U	0.01 U	0.010 U
SW-2-1-89	01/04/89				0.01 J	0.02 J	0.05 U	0.030 J
SW-2-3-92	03/13/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-2-6-92	06/25/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-2-9-92	09/23/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-2-12-92	12/08/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-3-10-88	10/04/88				0.01 U	0.01 U	0.01 U	0.010 U
SW-3-1-89	01/04/89				0.05 U	0.03 J	0.05 U	0.055 J
SW-3-3-92	03/13/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-3-6-92	06/25/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-3-9-92	09/23/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-3-12-92	12/08/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-4-1-89	01/04/89				0.05 U	0.05 U	0.05 U	0.050 U
SW-4-3-92	03/13/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-4-6-92	06/25/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-5-10-88	10/04/88				0.01	0.01 U	0.01 U	0.015 S
SW-5-1-89	01/04/89				0.05 U	0.05 U	0.05 U	0.050 U
SW-5-3-92	03/16/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-5D-3-92	03/16/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-5-6-92	06/25/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-5-9-92	09/23/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-5-12-92	12/07/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-6-10-88	10/04/88				0.01	0.01 U	0.01 U	0.015 S
SW-6-1-89	01/04/89				0.05 U	0.05 U	0.05 U	0.050 U
SW-6-3-92	03/16/92	1.9 U	0.49 U	0.18 U	0.034 U	0.014 U	0.14 U	0.024 U
SW-6-6-92	06/25/92	8.5 U	2.2 U	0.8 U	0.16 U	0.065 U	0.65 U	0.113 U
SW-6-9-92	09/23/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-6-12-92	12/07/92	3.4 U	0.88 U	0.32 U	0.062 U	0.026 U	0.26 U	0.044 U
SW-7-10-88	10/04/88				0.01	0.01 U	0.01 U	0.015 S
SW-7-1-89	01/04/89				0.05 U	0.05 U	0.05 U	0.050 U
SW-7-3-92	03/13/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-7-6-92	06/25/92	3.4 U	0.88 U	0.32 U	0.062 U	0.026 U	0.26 U	0.044 U
SW-7-9-92	09/23/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-7D-9-92	09/23/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U
SW-7-12-92	12/07/92	1.7 U	0.44 U	0.16 U	0.031 U	0.013 U	0.13 U	0.022 U

Table C-SW-4 - Monomethylamine Nitroglycerin Results for Surface Water Samples

Sample ID:	Sampling Date	Concentration in $\mu\text{g/L}$	
		Monomethyl-amine	Nitroglycine
SW-1-3-88	02/23/88	1 U	
SW-1-10-88	10/04/88	1 U	0.05 U
SW-1-1-89	01/04/89	1 U	0.05 U
SW-1-11-89	11/01/89	1 U	0.05 U
SW-1-3-92	03/13/92	38 U	2.5 UJ
SW-1-6-92	06/25/92	38 U	2.5 U
SW-1D-6-92	06/25/92	38 U	2.5 U
SW-2-3-88	02/23/88	1 U	
SW-2-10-88	10/04/88	1 U	0.05 U
SW-2-1-89	01/04/89	1 U	0.05 U
SW-2-3-92	03/13/92	38 U	2.5 UJ
SW-2-6-92	06/25/92	38 U	2.5 U
SW-3-3-88	02/23/88	1 U	
SW-3-10-88	10/04/88	1 U	0.05 U
SW-3-1-89	01/04/89	1 U	0.05 U
SW-3-3-92	03/13/92	38 U	2.5 UJ
SW-3-6-92	06/25/92	38 U	2.5 U
SW-4-3-88	02/23/88	1 U	
SW-4-1-89	01/04/89	1 U	0.05 U
SW-4-3-92	03/13/92	38 U	2.5 UJ
SW-4-6-92	06/25/92	38 U	2.5 U
SW-5-3-88	02/23/88	1 U	
SW-5-10-88	10/04/88	1 U	0.05 U
SW-5-1-89	01/04/89	1 U	0.05 U
SW-5-3-92	03/16/92	38 U	2.5 UJ
SW-5D-3-92	03/16/92	38 U	2.5 UJ
SW-5-6-92	06/25/92	38 U	2.5 U
SW-6-3-88	02/23/88	1 U	
SW-6-10-88	10/04/88	1 U	0.05 U
SW-6-1-89	01/04/89	1 U	0.05 U
SW-6-3-92	03/16/92	38 U	2.5 UJ
SW-6-6-92	06/25/92	38 U	2.5 U
SW-7-3-88	02/23/88	1 U	
SW-7-10-88	10/04/88	1 U	0.05 U
SW-7-1-89	01/04/89	1 U	0.05 U
SW-7-3-92	03/13/92	38 U	2.5 UJ
SW-7-6-92	06/25/92	38 U	2.5 U

Table C-SW-5 - Total Petroleum Hydrocarbon (Method 418.1) Results for Surface Water Samples

Sample ID:	Sampling Date	Concentration in mg/L
		Total Petroleum Hydrocarbons (418.1)
SW-1-3-92	03/13/92	1 U
SW-1-6-92	06/25/92	1 U
SW-1D-6-92	06/25/92	1 U
SW-1-12-92	12/08/92	1 U
SW-2-3-92	03/13/92	1 U
SW-2-6-92	06/25/92	1 U
SW-2-9-92	09/23/92	1 U
SW-2-12-92	12/08/92	1 U
SW-3-3-92	03/13/92	1 U
SW-3-6-92	06/25/92	1 U
SW-3-9-92	09/23/92	1 U
SW-3-12-92	12/08/92	1 U
SW-4-3-92	03/13/92	1 U
SW-4-6-92	06/25/92	1 U
SW-5-3-92	03/16/92	1 U
SW-5D-3-92	03/16/92	1 U
SW-5-6-92	06/25/92	1 U
SW-5-9-92	09/23/92	1 U
SW-5-12-92	12/07/92	1 U
SW-6-3-92	03/16/92	1 U
SW-6-6-92	06/25/92	1 U
SW-6-9-92	09/23/92	1 U
SW-6-12-92	12/07/92	1 U
SW-7-3-92	03/13/92	1 U
SW-7-6-92	06/25/92	1 U
SW-7-9-92	09/23/92	1 U
SW-7D-9-92	09/23/92	1 U
SW-7-12-92	12/07/92	1 U

Table C-SW-6 - Volatile Results for Surface Water Samples

Sheet 1 of 3

Sample ID:	Sampling Date	Concentration in µg/L											
		Acetone	Benzene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride	Chloro-benzene	Chloro-ethane	Chloro-form	Chloro-methane	
SW-1-3-88	02/23/88			1 U	1 U	5 U	10 U		1 U	1 U	10 U	1 U	10 U
SW-1-11-89	11/01/89			5 U	1 U	1 U	1 U	1 U	1 U	3 U	3 U	1 U	1 U
SW-2-3-88	02/23/88				1 U	1 U	5 U	10 U		1 U	10 U	1 U	10 U
SW-3-3-88	02/23/88				1 U	1 U	5 U	10 U		1 U	10 U	1 U	10 U
SW-4-3-88	02/23/88				1 U	1 U	5 U	10 U		1 U	10 U	1 U	10 U
SW-5-3-88	02/23/88				1 U	1 U	5 U	10 U		1 U	10 U	1 U	10 U
SW-6-3-88	02/23/88				1 U	1 U	5 U	10 U		1 U	10 U	1 U	10 U
SW-7-3-88	02/23/88				1 U	1 U	5 U	10 U		1 U	10 U	1 U	10 U

Table A-6 - Volatile Results for Surface Water Samples

Sheet 2 of 3

Sample ID:	Concentration in µg/L											
	Dibromo-chloro-methane	Ethyl-benzene	Methylene Chloride	Styrene	Tetra-chloro-ethene	Toluene	Trichloro-ethene	Vinyl Acetate	Vinyl Chloride	Xylene (Total)	2-Butanone	2-Hexanone
SW-1-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		
SW-1-11-89	3 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	3 U
SW-2-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		
SW-3-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		
SW-4-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		
SW-5-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		
SW-6-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		
SW-7-3-88	1 U	1 U	5 U		1 U	1 U	1 U			10 U		

Table C-SW-6 - Volatile Results for Surface Water Samples

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Sample ID:	Concentration in $\mu\text{g/L}$										
	4-Methyl- 2-Pentanone	1,1- Dichloro- ethane	1,2- Dichloro- ethane	1,1- Dichloro- ethene	1,2- Dichloro- ethene(Total)	1,2- Dichloro- propane	1,3(cis)- Dichloro- propene	1,3(trans)- Dichloro- propene	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	1,1,2,2- Tetrachloro- ethane
SW-1-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
SW-1-11-89	3 U	1 U	1 U	1 U	1 U	1 U	3 U	3 U	1 U	1 U	3 U
SW-2-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
SW-3-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
SW-4-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
SW-5-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
SW-6-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
SW-7-3-88		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U

Table N-7 - Semivolatile Results for Surface Water Samples

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Sample ID:	Sampling Date	Explosives Concentration in µg/L		
		Nitro-benzene	2,4-Dinitro-toluene	2,6-Dinitro-toluene
SW-1-3-92	03/13/92	10 U	10 U	10 U
SW-2-3-92	03/13/92	10 U	10 U	10 U
SW-3-3-92	03/13/92	10 U	10 U	10 U
SW-4-3-92	03/13/92	10 U	10 U	10 U
SW-5-3-92	03/16/92	10 U	10 U	10 U
SW-5D-3-92	03/16/92	10 U	10 U	10 U
SW-6-3-92	03/16/92	10 U	10 U	10 U
SW-7-3-92	03/13/92	10 U	10 U	10 U

Sample ID:	Non-carcinogenic PAHs Concentration in µg/L									
	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(g,h,i) Perylene	Fluoran-thene	Fluorene	Naph-thalene	Phenan-threne	Pyrene	2-Methyl-naphthalene
SW-1-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-2-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-3-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-4-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-5-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-5D-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-6-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-7-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table C-SW-7 - Semivolatile Results for Surface Water Samples

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Sample ID:	Carcinogenic PAHs Concentration in µg/L							
	Benzo(a) Anthracene	Benzo(a) Pyrene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Chrysene	Dibenzo(a,h) Anthracene	Indeno (1,2,3-c,d) Pyrene	Total cPAHs
SW-1-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-2-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-3-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-4-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-5-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-5D-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-6-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US
SW-7-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	35 US

Sample ID:	Phenols Concentration in µg/L									
	Phenol	2-Chloro-phenol	2-Methyl-phenol	4-Methyl-phenol	2-Nitro-phenol	4-Nitro-phenol	2,4-Dichloro-phenol	2,4-Dimethyl-phenol	2,4-Dinitro-phenol	4-Chloro-3-Methyl-phenol
SW-1-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-2-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-3-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-4-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-5-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-5D-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-6-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U
SW-7-3-92	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	50 U	10 U

Table U-W-7 - Semivolatile Results for Surface Water Samples

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Sample ID:	Phenols Concentration in µg/L				Phthalates Concentration in µg/L					
	2,4,5-Trichloro-phenol	2,4,6-Trichloro-phenol	4,6-Dinitro-2-Methyl-phenol	Penta-chloro-phenol	Bis(2-Ethylhexyl) Phthalate	Butyl-benzyl-phthalate	Di-N-Butyl-phthalate	Di-N-Octyl-phthalate	Diethyl-phthalate	Dimethyl-phthalate
SW-1-3-92	50 U	10 U	50 U	10 U	14	10 U	10 U	10 U	10 U	10 U
SW-2-3-92	50 U	10 U	50 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U
SW-3-3-92	50 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-4-3-92	50 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-5-3-92	50 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-5D-3-92	50 U	10 U	50 U	10 U	1.3 J	10 U	10 U	10 U	10 U	10 U
SW-6-3-92	50 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-7-3-92	50 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Sample ID:	Other Semivolatiles Concentration in µg/L									
	Aniline	Benzidine	Benzoic Acid	Benzyl Alcohol	Bis(2-Chloroethoxy) Methane	Bis(2-Chloroethyl) Ether	Bis(2-Chloroisopropyl) Ether	Dibenzo-furan	Hexachlorobenzene	Hexachlorobutadiene
SW-1-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-2-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-3-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-4-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-5-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-5D-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-6-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
SW-7-3-92	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table C-SW-7 - Semivolatile Results for Surface Water Samples

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Sample ID:	Other Semivolatiles Concentration in $\mu\text{g/L}$									
	Hexachloro- cyclo- pentadiene	Hexachloro- ethane	Isophorone	N-Nitroso- Di-Phenyl- amine	N-Nitroso- Di-Propyl- amine	N-Nitroso- Di-methyl amine	2-Chloro- naphthalene	4-Chloro- aniline	2-Nitro- aniline	3-Nitro- aniline
SW-1-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U
SW-2-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 R
SW-3-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U
SW-4-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U
SW-5-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U
SW-5D-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U
SW-6-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U
SW-7-3-92	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U

Sample ID:	Other Semivolatiles Concentration in $\mu\text{g/L}$							
	4-Nitro- aniline	4-Bromophenyl Phenyl Ether	4-Chlorophenyl- Phenyl Ether	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	3,3'- Dichloro- benzidine	1,2,4- Trichloro- benzene
SW-1-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-2-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-3-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-4-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-5-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-5D-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-6-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U
SW-7-3-92	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U

Table C-3 W-8 - PAH Results for Surface Water Samples

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Sample ID:	Sampling Date	Concentration in µg/L								
		Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(g,h,i) Perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
SW-1-3-92	03/13/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-1-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.04	0.01 U
SW-1D-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.02	0.01 U
SW-1-12-92	12/08/92	0.05 U	0.2 U	0.03	0.14	0.38	0.02 U	0.05 U	0.13 U	0.16 J
SW-1D-12-92	12/08/92	0.05 U	0.2 U	0.03	0.18	0.41	0.02 U	0.05 U	0.15 U	0.24 J
SW-2-3-92	03/13/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-2-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
SW-2-9-92	09/23/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-2-12-92	12/08/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.03 U	0.01 U
SW-3-3-92	03/13/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-3-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
SW-3-9-92	09/23/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-3-12-92	12/08/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.03 U	0.01 U
SW-4-3-92	03/13/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-4-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
SW-5-3-92	03/16/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.02	0.01 U
SW-5D-3-92	03/16/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.025	0.01 U
SW-5-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.04	0.01 U
SW-5-9-92	09/23/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-5-12-92	12/07/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.05	0.01 U
SW-6-3-92	03/16/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.025	0.01 U
SW-6-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.02	0.01 U
SW-6-9-92	09/23/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-6-12-92	12/07/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.05	0.01 U
SW-7-3-92	03/13/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.02	0.01 U
SW-7-6-92	06/25/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.01 U	0.05 U	0.01 U	0.01 U
SW-7-9-92	09/23/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-7D-9-92	09/23/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.01 U	0.01 U
SW-7-12-92	12/07/92	0.05 U	0.2 U	0.01 U	0.02 U	0.01 U	0.02 U	0.05 U	0.03	0.01 U

Table C-SW-8 - PAH Results for Surface Water Samples

Sheet 2 of 2

Sample ID:	Sampling Date	Concentration in µg/L							
		Benzo(a) Anthracene	Benzo(a) Pyrene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Chrysene	Dibenzo(a,h) Anthracene	Indeno(1,2,3-c,d)Pyrene	Total cPAHs
SW-1-3-92	03/13/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-1-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-1D-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-1-12-92	12/08/92	0.09	0.09	0.17	0.06 J	0.23	0.01 U	0.07	0.71 JS
SW-1D-12-92	12/08/92	0.08	0.09	0.17	0.09 J	0.25	0.01 U	0.08	0.76 JS
SW-2-3-92	03/13/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-2-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-2-9-92	09/23/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-2-12-92	12/08/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-3-3-92	03/13/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-3-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-3-9-92	09/23/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-3-12-92	12/08/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-4-3-92	03/13/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-4-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-5-3-92	03/16/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-5D-3-92	03/16/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-5-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-5-9-92	09/23/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-5-12-92	12/07/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-6-3-92	03/16/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-6-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-6-9-92	09/23/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-6-12-92	12/07/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-7-3-92	03/13/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-7-6-92	06/25/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-7-9-92	09/23/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-7D-9-92	09/23/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US
SW-7-12-92	12/07/92	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.005 US

Table SW-9 - PCB Results for Surface Water Samples

Sample ID:	Sampling Date	Concentration in µg/L							
		PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCBs
SW#2,SW#2	12/02/86	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.00225 US
SW#3,SW#3	12/02/86	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.00225 US
SW#4,SW#4	12/02/86	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.00225 US

Table C-SW-10 - OCPesticide Results for Surface Water Samples

Sample ID:	Sampling Date	Concentration in µg/L								
		Aldrin	Alpha-BHC	Beta-BHC	Gamma-BHC	Delta-BHC	Chlordane	Dieldrin	Endosulfan I	Endosulfan II
SW#2,SW#2	12/02/86	0.002 J	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.1 U	0.05 U	0.1 U
SW#3,SW#3	12/02/86	0.002 J	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.1 U	0.05 U	0.1 U
SW#4,SW#4	12/02/86	0.003 J	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.1 U	0.05 U	0.1 U

Sample ID:	Endosulfan Sulfate	Endrin	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	4,4'-DDD	4,4'-DDE	4,4'-DDT
SW#2,SW#2	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U
SW#3,SW#3	0.1 U	0.1 U	0.003 J	0.05 U	0.05 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U
SW#4,SW#4	0.1 U	0.004 J	0.004 J	0.05 U	0.05 U	0.5 U	1 U	0.1 U	0.1 U	0.1 U

Table C-SW-11 - General Chemistry Results for Surface Water

Sheet 1 of 1

Sample ID:	Sampling Date	Total Dissolved Solids in mg/L	Total Suspended Solids in mg/L	Total Organic Carbon in Percent	Nitrite + Nitrate in mg/L	Temperature in C	Dissolved Oxygen in mg/L	pH	Conductivity in umhos/cm
SW-1-3-88	02/23/88	84			0.6	6		7.2	113
SW-1-6-88	06/29/88	80			0.55	12		7.3	7.3
SW-1-10-88	10/04/88	96			0.6	8.9		6.9	128
SW-1-1-89	01/04/89	72 E			0.86			6.8	50
SW-1-11-89	11/01/89	86	1 U		0.58 J			7.9	110
SW-1D-11-89	11/01/89	88	1 U		0.54 J			7.9	110
SW-1-3-92	03/13/92	130 J	16 J		0.5	9	11.5	6.4	60
SW-1-6-92	06/25/92	80	10 U	1.8	0.94	13.6	10.3	7	90
SW-1D-6-92	06/25/92	93	10 U	1.7	1				
SW-1-12-92	12/08/92	28000	160	1.3	0.38	7.3	10.4	5.3	20000
SW#2,SW#2	12/02/86				0.33				
SW-2-3-88	02/23/88	78			0.4	5		6.5	110
SW-2-6-88	06/29/88	80			0.28	12		7	7
SW-2-10-88	10/04/88	94			0.47	8.9		7.3	123
SW-2-1-89	01/04/89	72 E			0.71			6.9	50
SW-2-3-92	03/13/92	130 J	10 UJ		0.39	10	10.7	6.1	80
SW-2-6-92	06/25/92	90	10 U	1.4	0.52	13.3	10.1	7.2	100
SW-2-9-92	09/23/92	100	10 UJ	0.5 U	0.52	12.9	10.5	7.2	120
SW-2-12-92	12/08/92	82	10 U	0.5 U	0.67	5.8	12	6.7	300
SW#3,SW#3	12/02/86				0.32				
SW-3-3-88	02/23/88	84			0.4	6		7.1	110
SW-3-6-88	06/29/88	82			0.28	12		6.9	6.9
SW-3-10-88	10/04/88	99			0.4	8.9		7.25	127
SW-3-1-89	01/04/89	72 E			0.67	9.4		7	60
SW-3-3-92	03/13/92	140 J	10 UJ		0.36	10	10.7	5.9	70
SW-3-6-92	06/25/92	91	10 U	1	0.4	12.6	9.7	7.4	110
SW-3-9-92	09/23/92	110	10 UJ	0.7	0.45	12.1	10.8	7.9	120
SW-3-12-92	12/08/92	88	10 U	0.5 U	0.68	6.9	11.4	5.2	120
SW#4,SW#4	12/02/86				0.05 U				
SW-4-3-88	02/23/88	90			0.2 U	8		7.1	117
SW-4-6-88	06/29/88	78			0.025 U	12			
SW-4-1-89	01/04/89	83 E			0.046			6.3	50
SW-4-3-92	03/13/92	120 J	10 UJ		0.06	9	11.7	6.1	80
SW-4-6-92	06/25/92	84	10 U	3.5	0.08	21.6	7.4	7.8	110
SW#5,SW#5	12/03/86				0.05 U				
SW-5-3-88	02/23/88	42			0.2 U	4		7.7	
SW-5-6-88	06/29/88	56			0.025 U	18		6.5	6.5
SW-5-10-88	10/04/88	91			0.045	10.6		7.2	70
SW-5-1-89	01/04/89	58 E			0.028	6.9		6.7	70
SW-5-3-92	03/16/92	11 J	10 UJ		0.26	11	10.7	6.7	90
SW-5D-3-92	03/16/92	48 J	10 UJ		0.33				
SW-5-6-92	06/25/92	67	30	5.8	0.05	26.6	10.9	8.8	100
SW-5-9-92	09/23/92	110	20 UJ	11.8	0.05	18.8	8.2		170
SW-5-12-92	12/07/92	85 J	10 UJ	5.1	0.07	4	8.9	7.6	90
SW-6-10-92									
SW#6,SW#6	12/03/86				0.05 U				
SW-6-3-88	02/23/88	40			0.2 U	5		7.8	
SW-6-6-88	06/29/88	65			0.025 U	18		6.5	6.5
SW-6-10-88	10/04/88	89			0.032	11.1		7.2	70
SW-6-1-89	01/04/89	58 E			0.039	7.1		6.7	70
SW-6-3-92	03/16/92	32 J	10 UJ		0.46	12	11	8.5	80
SW-6-6-92	06/25/92	72	10 U	4.7	0.25	25.2	10.8	8.5	100
SW-6-9-92	09/23/92	250	26 J	11.9	0.05 U	18.5	5.8		150
SW-6-12-92	12/07/92	110 J	10 UJ	5.1	0.08	4.3	8.5	7.2	110
SW-7-3-88	02/23/88	38			0.2 U	5		7.6	84
SW-7-6-88	06/29/88	68			0.04	19		6.5	6.5
SW-7-10-88	10/04/88	85			0.067	11.1		7.1	80
SW-7-1-89	01/04/89	51 E			0.026	7.3		6.6	80
SW-7-3-92	03/13/92	120 J	10 J		0.31	14	13.7	6.3	70
SW-7-6-92	06/25/92	95	10 U	5.3	0.1	24.7	9.6	8.4	100
SW-7-9-92	09/23/92	110	64 J	10.1	0.05 U	19.7	9.2	7.2	160
SW-7D-9-92	09/23/92	110	72 J	11.3	0.05 U				
SW-7-12-92	12/07/92	98 J	10 UJ	7.7	0.05 U	4.2	8.5	8.3	100

Table C-SD-1 - Total Metal Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg							
		Aluminum	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead
SPR#4SED, SPR#4	12/02/86		3 U				26		14
SW#1SED, SW#1	12/02/86		3 U				25		18
SW#2SED, SW#2	12/02/86		3 U				30		26
SW#3SED, SW#3	12/02/86		3 U				27		18
SW#4SED, SW#4	12/02/86		3 U				25		24
SW#5, SW#5SED	12/03/86		3 U				24		26
SW#6SED, SW#6	12/03/86		3 U				39		35
SD-1-3-92	03/13/92	7300	0.29 UJ	2.3	0.14 U	0.065	11	9.7	5.8
SD-2-3-92	03/13/92	7300	0.28 UJ	2.4	0.13 U	0.069	10	8.7	6
SD-3-3-92	03/13/92	6100	0.28 UJ	2.5	0.11 U	0.044	12	9.9	5.5 U
SD-4-3-92	03/13/92	12000	0.55 UJ	7.6	0.22 U	0.17	18	33	18
SD-5-3-92	03/16/92	7600	2.7	7.4	0.36 U	1.4	22	60	180
SD-5D-3-92	03/16/92	8300	2.4	9.7	0.43 U	1.2	23	64	180
SD-6-3-92	03/16/92	10000	0.7 U	4.2	0.28 U	0.58	26	28	68
SD-7-3-92	03/13/92	7600	0.96 UJ	2.9	0.16 U	0.25	12	11	35
FW-SD-501A	08/19/93								170
FW-SD-501B	08/19/93								26
FW-SD-502A	08/19/93								130
FW-SD-502AD	08/19/93								140
FW-SD-502B	08/19/93								29
FW-SD-503A	08/19/93								69
FW-SD-503B	08/19/93								19 U
FW-SD-504A	08/19/93								98
FW-SD-504B	08/19/93								34
FW-SD-505A	08/19/93								110
FW-SD-505B	08/19/93								9.4
FW-SD-506A	08/19/93								90
FW-SD-506B	08/19/93								43

Table C-SD-1 - Total Metal Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg					
		Mercury	Nickel	Selenium	Silver	Thallium	Zinc
SPR#4SED,SPR#4	12/02/86						
SW#1SED,SW#1	12/02/86						
SW#2SED,SW#2	12/02/86						
SW#3SED,SW#3	12/02/86						
SW#4SED,SW#4	12/02/86						
SW#5,SW#5SED	12/03/86						
SW#6SED,SW#6	12/03/86						
SD-1-3-92	03/13/92	0.086 U	13	0.29 U	0.013 U	0.29 U	32
SD-2-3-92	03/13/92	0.078 U	12	0.28 U	0.012 U	0.28 U	31
SD-3-3-92	03/13/92	0.084 U	12	0.28 U	0.012 U	0.28 U	29
SD-4-3-92	03/13/92	0.16 U	14	0.55 U	0.026	0.55 U	66
SD-5-3-92	03/16/92	0.26 U	10	0.92 UJ	0.65	0.92 U	89
SD-5D-3-92	03/16/92	0.32 U	11	1.2 UJ	0.75	1.2 U	98
SD-6-3-92	03/16/92	0.21 U	14	0.72 UJ	0.36	0.72 U	45
SD-7-3-92	03/13/92	0.12 U	8.1	0.41 U	0.069	0.41 U	47
FW-SD-501A	08/19/93						
FW-SD-501B	08/19/93						
FW-SD-502A	08/19/93						
FW-SD-502AD	08/19/93						
FW-SD-502B	08/19/93						
FW-SD-503A	08/19/93						
FW-SD-503B	08/19/93						
FW-SD-504A	08/19/93						
FW-SD-504B	08/19/93						
FW-SD-505A	08/19/93						
FW-SD-505B	08/19/93						
FW-SD-506A	08/19/93						
FW-SD-506B	08/19/93						

Table C-SD-2 - Nitroaromatic Explosive Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg							Total DNT
		Nitrobenzene	1,3-Dinitrobenzene	1,3,5-Trinitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2,4,6-Trinitrotoluene		
SD-1-3-92	03/13/92	0.07 U	0.047 U	0.036 U	0.0071 U	0.0071 U	0.0036 U	0.0071 U	
SD-2-3-92	03/13/92	0.068 U	0.046 U	0.034 U	0.0068 U	0.0068 U	0.0034 U	0.0068 U	
SD-3-3-92	03/13/92	0.068 U	0.046 U	0.035 U	0.0069 U	0.0069 U	0.0035 U	0.0069 U	
SD-4-3-92	03/13/92	0.14 U	0.096 U	0.072 U	0.014 U	0.014 U	0.0072 U	0.014 U	
SD-5-3-92	03/16/92	0.2 U	0.13 U	0.099 U	0.02 U	0.02 U	0.0099 U	0.02 U	
SD-5D-3-92	03/16/92	0.23 U	0.15 U	0.12 U	0.023 U	0.023 U	0.012 U	0.023 U	
SD-6-3-92	03/16/92	0.13 U	0.089 U	0.067 U	0.013 U	0.013 U	0.0067 U	0.013 U	
SD-7-3-92	03/13/92	0.14 U	0.095 U	0.071 U	0.014 U	0.014 U	0.0071 U	0.014 U	

Table C-SD-3 - Monomethylamine/Nitroglycerin Results for Freshwater Sediment Samples

Sample ID:	Sampling <u>Date</u>	Concentration in mg/kg
		<u>Monomethyl-</u> <u>amine</u>
SD-1-3-92	03/13/92	5.9 UJ
SD-2-3-92	03/13/92	5.7 UJ
SD-3-3-92	03/13/92	5.8 UJ
SD-4-3-92	03/13/92	12 UJ
SD-5-3-92	03/16/92	17 UJ
SD-5D-3-92	03/16/92	19 UJ
SD-6-3-92	03/16/92	11 UJ
SD-7-3-92	03/13/92	12 UJ

Table C-SD-4 - Total Petroleum Hydrocarbon (Method 418.1) Results for Freshwater Sediment Samples

Sample ID:	Sampling <u>Date</u>	Concentration in mg/kg
		Total Petroleum <u>Hydrocarbons (418.1)</u>
SD-1-3-92	03/13/92	20 U
SD-2-3-92	03/13/92	20 U
SD-3-3-92	03/13/92	20 U
SD-4-3-92	03/13/92	20 U
SD-5-3-92	03/16/92	20 U
SD-5D-3-92	03/16/92	20 U
SD-6-3-92	03/16/92	20 U
SD-7-3-92	03/13/92	20 U

Table C-SD-5 - Semivolatile Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Explosives Concentration in mg/kg		
		Nitro-benzene	2,4-Dinitro-toluene	2,6-Dinitro-toluene
SD-1-3-92	03/13/92	0.19 U	0.19 U	0.19 U
SD-2-3-92	03/13/92	0.19 U	0.19 U	0.19 U
SD-3-3-92	03/13/92	0.19 U	0.19 U	0.19 U
SD-4-3-92	03/13/92	0.35 U	0.35 U	0.35 U
SD-5-3-92	03/16/92	0.62 U	0.62 U	0.62 U
SD-5D-3-92	03/16/92	0.76 U	0.76 U	0.76 U
SD-6-3-92	03/16/92	0.49 U	0.49 U	0.49 U
SD-7-3-92	03/13/92	0.26 U	0.26 U	0.26 U

Sample ID:	Non-carcinogenic PAHs Concentration in mg/kg									
	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(g,h,i)Perylene	Fluoran-thene	Fluorene	Naphthalene	Phenan-threne	Pyrene	2-Methyl-naphthalene
SD-1-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
SD-2-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
SD-3-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
SD-4-3-92	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
SD-5-3-92	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
SD-5D-3-92	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
SD-6-3-92	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
SD-7-3-92	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

Table C-SD-5 - Semivolatile Results for Freshwater Sediment Samples

Sample ID:	Carcinogenic PAHs Concentration in mg/kg							
	Benzo(a)Anthracene	Benzo(a)Pyrene	Benzo(b)Fluoranthene	Benzo(k)Fluoranthene	Chrysene	Dibenzo(a,h)Anthracene	Indeno(1,2,3-c,d)Pyrene	Total cPAHs
SD-1-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.665 US
SD-2-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.665 US
SD-3-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.665 US
SD-4-3-92	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	1.225 US
SD-5-3-92	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	2.17 US
SD-5D-3-92	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	2.66 US
SD-6-3-92	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	1.715 US
SD-7-3-92	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.91 US

Sample ID:	Phenols Concentration in mg/kg									
	Phenol	2-Chloro-phenol	2-Methyl-phenol	4-Methyl-phenol	2-Nitro-phenol	4-Nitro-phenol	2,4-Dichloro-phenol	2,4-Dimethyl-phenol	2,4-Dinitro-phenol	4-Chloro-3-Methyl-phenol
SD-1-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.96 U	0.19 U	0.19 U	0.96 U	0.19 U
SD-2-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.97 U	0.19 U	0.19 U	0.97 U	0.19 U
SD-3-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.96 U	0.19 U	0.19 U	0.96 U	0.19 U
SD-4-3-92	0.35 U	0.35 U	0.35 U	0.081 J	0.35 U	1.8 U	0.35 U	0.35 U	1.8 U	0.35 U
SD-5-3-92	0.62 U	0.62 U	0.62 U	0.19 J	0.62 U	3.1 U	0.62 U	0.62 U	3.1 U	0.62 U
SD-5D-3-92	0.76 U	0.76 U	0.76 U	0.19 J	0.76 U	3.8 U	0.76 U	0.76 U	3.8 U	0.76 U
SD-6-3-92	0.49 U	0.49 U	0.49 U	0.11 J	0.49 U	2.5 U	0.49 U	0.49 U	2.5 U	0.49 U
SD-7-3-92	0.26 U	0.26 U	0.26 U	0.055 J	0.26 U	1.3 U	0.26 U	0.26 U	1.3 U	0.26 U

Table C-SD-5 - Semivolatile Results for Freshwater Sediment Samples

Sample ID:	Phenols Concentration in mg/kg				Phthalates Concentration in mg/kg					
	2,4,5-Trichloro-phenol	2,4,6-Trichloro-phenol	4,6-Dinitro-2-Methyl-phenol	Penta-chloro-phenol	Bis(2-Ethylhexyl) Phthalate	Butyl-benzyl-Phthalate	Di-N-Butyl-phthalate	Di-N-Octyl-phthalate	Diethyl-phthalate	Dimethyl-phthalate
SD-1-3-92	0.96 U	0.19 U	0.96 U	0.19 U	0.19 U	0.19 U	0.27 U	0.19 U	0.19 U	0.19 U
SD-2-3-92	0.97 U	0.19 U	0.97 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
SD-3-3-92	0.96 U	0.19 U	0.96 U	0.19 U	0.2 U	0.19 U	0.31 U	0.19 U	0.19 U	0.19 U
SD-4-3-92	1.8 U	0.35 U	1.8 U	0.35 U	0.35 U	0.35 U	0.81 U	0.35 U	0.35 U	0.35 U
SD-5-3-92	3.1 U	0.62 U	3.1 U	0.62 U	1.9 U	0.62 U	3.1 U	0.62 U	0.62 U	0.62 U
SD-5D-3-92	3.8 U	0.76 U	3.8 U	0.76 U	0.76 U	0.76 U	2 U	0.76 U	0.76 U	0.76 U
SD-6-3-92	2.5 U	0.49 U	2.5 U	0.49 U	0.49 U	0.49 U	0.67 U	0.49 U	0.49 U	0.49 U
SD-7-3-92	1.3 U	0.26 U	1.3 U	0.26 U	0.26 U	0.26 U	0.34 U	0.26 U	0.26 U	0.26 U

Sample ID:	Other Semivolatiles Concentration in mg/kg									
	Aniline	Benzidine	Benzoic Acid	Benzyl Alcohol	Bis(2-Chloro-ethoxy) Methane	Bis(2-Chloroethyl) Ether	Bis(2-Chloroisopropyl) Ether	Dibenzofuran	Hexachlorobenzene	Hexachlorobutadiene
SD-1-3-92	0.19 U	1.9 U	0.96 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
SD-2-3-92	0.19 U	1.9 U	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
SD-3-3-92	0.19 U	1.9 U	0.96 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
SD-4-3-92	0.35 U	3.5 U	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
SD-5-3-92	0.62 U	6.2 U	0.25 J	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
SD-5D-3-92	0.76 U	7.6 U	0.3 J	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
SD-6-3-92	0.49 U	4.9 U	0.23 J	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
SD-7-3-92	0.26 U	2.6 U	1.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

Table C-SD-5 - Semivolatile Results for Freshwater Sediment Samples

Sample ID:	Other Semivolatiles Concentration in mg/kg									
	Hexachloro- cyclo- pentadiene	Hexachloro- ethane	Isophorone	N-Nitroso- Di-Phenyl- amine	N-Nitroso- Di-Propyl- amine	N-Nitroso- Di-methyl amine	2-Chloro- naphthalene	4-Chloro- aniline	2-Nitro- aniline	3-Nitro- aniline
SD-1-3-92	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.96 U	0.96 U
SD-2-3-92	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.97 U	0.97 U
SD-3-3-92	0.19 UJ	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.96 U	0.96 U
SD-4-3-92	0.35 UJ	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	1.8 U	1.8 U
SD-5-3-92	0.62 UJ	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	3.1 U	3.1 U
SD-5D-3-92	0.76 UJ	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	3.8 U	3.8 U
SD-6-3-92	0.49 UJ	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	2.5 U	2.5 U
SD-7-3-92	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.3 U	1.3 U

Sample ID:	Other Semivolatiles Concentration in mg/kg							
	4-Nitro- aniline	4-Bromophenyl Phenyl Ether	4-Chlorophenyl- Phenyl Ether	1,2- Dichloro- benzene	1,3- Dichloro- benzene	1,4- Dichloro- benzene	3,3'- Dichloro- benzidine	1,2,4- Trichloro- benzene
SD-1-3-92	0.96 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U
SD-2-3-92	0.97 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.39 U	0.19 U
SD-3-3-92	0.96 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.38 U	0.19 U
SD-4-3-92	1.8 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.71 U	0.35 U
SD-5-3-92	3.1 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	1.2 U	0.62 U
SD-5D-3-92	3.8 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	1.5 U	0.76 U
SD-6-3-92	2.5 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.98 U	0.49 U
SD-7-3-92	1.3 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.53 U	0.26 U

Table C-SD-6 - PAH Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg								
		Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(g,h,i) Perylene	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Pyrene
SD-1-3-92	03/13/92	0.2 U	0.2 U	0.01 U	0.02 U	0.02 U	0.02 U	0.1 U	0.01 U	0.02 U
SD-2-3-92	03/13/92	0.19 U	0.19 U	0.0095 U	0.019 U	0.019 U	0.019 U	0.095 U	0.0095 U	0.019 U
SD-3-3-92	03/13/92	0.19 U	0.19 U	0.0095 U	0.019 U	0.019 U	0.019 U	0.095 U	0.0095 U	0.019 U
SD-4-3-92	03/13/92	0.4 U	0.4 U	0.02 U	0.04 U	0.04 U	0.04 U	0.2 U	0.02 U	0.04 U
SD-5-3-92	03/16/92	0.55 U	0.55 U	0.027 U	0.12	0.055 U	0.055 U	0.27 U	0.077	0.082
SD-5D-3-92	03/16/92	0.65 U	0.65 U	0.032 U	0.065 U	0.065 U	0.065 U	0.32 U	0.12	0.065 U
SD-6-3-92	03/16/92	0.37 U	0.37 U	0.019 U	0.037 U	0.037 U	0.037 U	0.19 U	0.056	0.037 U
SD-7-3-92	03/13/92	0.4 U	0.4 U	0.02 U	0.04 U	0.04 U	0.04 U	0.2 U	0.02 U	0.04 U

Sample ID:	Benzo(a) Anthracene	Benzo(a) Pyrene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Chrysene	Dibenzo(a,h) Anthracene	Indeno(1,2,3-c,d)Pyrene	Total cPAHs
SD-1-3-92	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.08 US
SD-2-3-92	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.039 U	0.019 U	0.0765 US
SD-3-3-92	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U	0.039 U	0.019 U	0.0765 US
SD-4-3-92	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.082 U	0.04 U	0.161 US
SD-5-3-92	0.055 U	0.055 U	0.066	0.055 U	0.099	0.19	0.055 U	0.465 S
SD-5D-3-92	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.13 U	0.065 U	0.26 US
SD-6-3-92	0.037 U	0.037 U	0.037 U	0.037 U	0.037 U	0.074 U	0.037 U	0.148 US
SD-7-3-92	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.082 U	0.04 U	0.161 US

Table C-SD-7 - PCB Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg								Total PCBs
		PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Total PCBs	
SPR#4SED,SPR#4	12/02/86	0.0261 U	0.0261 U	0.0261 U	0.0261 U	0.0261 U	0.0522 U	0.0522 U	0.11745 US	
SW#1SED,SW#1	12/02/86	0.101 U	0.101 U	0.101 U	0.101 U	0.101 U	0.202 U	0.202 U	0.4545 US	
SW#2SED,SW#2	12/02/86	0.0202 U	0.0202 U	0.0202 U	0.0202 U	0.0202 U	0.0405 U	0.0405 U	0.091 US	
SW#3SED,SW#3	12/02/86	0.0269 U	0.0269 U	0.0269 U	0.0269 U	0.0269 U	0.0537 U	0.0537 U	0.12095 US	
SW#4SED,SW#4	12/02/86	0.0246 U	0.0246 U	0.0246 U	0.0246 U	0.0246 U	0.0492 U	0.0492 U	0.1107 US	
SW#5,SW#5SED	12/03/86	0.0181 U	0.0181 U	0.0181 U	0.0181 U	0.0181 U	0.0361 U	0.0361 U	0.08135 US	
SW#6SED,SW#6	12/03/86	0.0215 U	0.0215 U	0.0215 U	0.0215 U	0.0215 U	0.043 U	0.043 U	0.09675 US	
SD-1-3-92	03/13/92	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.385 US	
SD-2-3-92	03/13/92	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.42 US	
SD-3-3-92	03/13/92	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.385 US	
SD-4-3-92	03/13/92	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.735 US	
SD-5-3-92	03/16/92	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1.295 US	
SD-5D-3-92	03/16/92	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	1.575 US	
SD-6-3-92	03/16/92	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	1.015 US	
SD-7-3-92	03/13/92	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.56 US	

Table C-SD-8 - OC Pesticide Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg									
		Aldrin	Alpha-BHC	Beta-BHC	Gamma-BHC	Delta-BHC	Chlordane	Dieldrin	Endosulfan I	Endosulfan II	
SPR#4SED,SPR#4	12/02/86	2.61 U	2.61 U	2.61 U	0.0715 J	2.61 U	26.1 U	5.22 U	2.61 U	5.22 U	
SW#1SED,SW#1	12/02/86	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U	101 U	20.2 U	10.1 U	20.2 U	
SW#2SED,SW#2	12/02/86	2.02 U	2.02 U	2.02 U	2.02 U	2.02 U	20.2 U	0.289 J	2.02 U	4.05 U	
SW#3SED,SW#3	12/02/86	2.69 U	2.69 U	2.69 U	2.69 U	2.69 U	26.9 U	5.37 U	2.69 U	5.37 U	
SW#4SED,SW#4	12/02/86	2.46 U	2.46 U	2.46 U	2.46 U	2.46 U	24.6 U	1.35 J	2.46 U	4.92 U	
SW#5,SW#5SED	12/03/86	1.81 U	1.81 U	1.81 U	1.81 U	1.81 U	18.1 U	3.61 U	1.81 U	3.61 U	
SW#6SED,SW#6	12/03/86	2.15 U	2.15 U	2.15 U	2.15 U	2.15 U	21.5 U	4.3 U	2.15 U	4.3 U	
SD-1-3-92	03/13/92	0.0057 U	0.0057 UJ	0.0057 U	0.0057 U	0.0057 U	0.057 U	0.011 U	0.0057 U	0.011 U	
SD-2-3-92	03/13/92	0.0058 U	0.0058 UJ	0.0058 U	0.0058 U	0.0058 U	0.058 U	0.012 U	0.0058 U	0.012 U	
SD-3-3-92	03/13/92	0.0057 U	0.0057 UJ	0.0057 U	0.0057 U	0.0057 U	0.057 U	0.011 U	0.0057 U	0.011 U	
SD-4-3-92	03/13/92	0.011 U	0.011 UJ	0.011 U	0.011 U	0.011 U	0.11 U	0.021 U	0.011 U	0.021 U	
SD-5-3-92	03/16/92	0.019 U	0.019 UJ	0.019 U	0.019 U	0.019 U	0.19 U	0.037 U	0.019 U	0.037 U	
SD-5D-3-92	03/16/92	0.023 U	0.023 UJ	0.023 U	0.023 U	0.023 U	0.23 U	0.045 U	0.023 U	0.045 U	
SD-6-3-92	03/16/92	0.015 U	0.015 UJ	0.015 U	0.015 U	0.015 U	0.15 U	0.029 U	0.015 U	0.029 U	
SD-7-3-92	03/13/92	0.0079 U	0.0079 UJ	0.0079 U	0.0079 U	0.0079 U	0.079 U	0.016 U	0.0079 U	0.016 U	

Table C-SD-8 - OC Pesticide Results for Freshwater Sediment Samples

Sample ID:	Sampling Date	Concentration in mg/kg										
		Endosulfan Sulfate	Endrin	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	4,4'-DDD	4,4'-DDE	4,4'-DDT	
SPR#4SED, SPR#4	12/02/86	5.22 U	0.619 J	5.22 U	2.61 U	2.61 U	26.1 U	52.2 U	0.267 J	5.22 U	5.22 U	
SW#1SED, SW#1	12/02/86	20.2 U	20.2 U	20.2 U	10.1 U	10.1 U	101 U	202 U	0.4 J	20.2 U	20.2 U	
SW#2SED, SW#2	12/02/86	4.05 U	0.494 J	4.05 U	2.02 U	2.02 U	20.2 U	40.5 U	0.664 J	0.812 J	0.419 J	
SW#3SED, SW#3	12/02/86	5.37 U	5.37 U	5.37 U	2.69 U	2.69 U	26.9 U	53.7 U	0.491 J	5.37 U	5.37 U	
SW#4SED, SW#4	12/02/86	4.92 U	4.92 U	4.92 U	2.46 U	2.46 U	24.6 U	49.2 U	2.23 J	4.92 U	4.92 U	
SW#5, SW#5SED	12/03/86	3.61 U	0.16 J	3.61 U	1.81 U	1.81 U	18.1 U	36.1 U	3.61 U	3.61 U	3.61 U	
SW#6SED, SW#6	12/03/86	4.3 U	4.3 U	4.3 U	2.15 U	2.15 U	21.5 U	43 U	4.3 U	4.3 U	4.3 U	
SD-1-3-92	03/13/92	0.011 U	0.011 U	0.011 U	0.0057 U	0.0057 U	0.057 UJ	0.11 U	0.011 UJ	0.011 U	0.011 U	
SD-2-3-92	03/13/92	0.012 U	0.012 U	0.012 U	0.0058 U	0.0058 U	0.058 UJ	0.12 U	0.012 UJ	0.012 U	0.012 U	
SD-3-3-92	03/13/92	0.011 U	0.011 U	0.011 U	0.0057 U	0.0057 U	0.057 UJ	0.11 U	0.011 UJ	0.011 U	0.011 U	
SD-4-3-92	03/13/92	0.021 U	0.021 U	0.021 U	0.011 U	0.011 U	0.11 U	0.21 U	0.021 U	0.021 U	0.021 U	
SD-5-3-92	03/16/92	0.037 U	0.037 U	0.037 U	0.019 U	0.019 U	0.19 U	0.37 U	0.037 U	0.037 U	0.037 U	
SD-5D-3-92	03/16/92	0.045 U	0.045 U	0.045 U	0.023 U	0.023 U	0.23 U	0.45 U	0.045 U	0.045 U	0.045 U	
SD-6-3-92	03/16/92	0.029 U	0.029 U	0.029 U	0.015 U	0.015 U	0.15 U	0.29 U	0.029 U	0.029 U	0.029 U	
SD-7-3-92	03/13/92	0.016 U	0.016 U	0.016 U	0.0079 U	0.0079 U	0.079 UJ	0.16 U	0.016 UJ	0.016 U	0.016 UJ	

Table C-SD-9 - General Chemistry for Freshwater Sediment Samples

<u>Sample ID:</u>	<u>Sampling Date</u>	<u>Total Organic Carbon in Percent</u>	<u>Nitrite + Nitrate in mg/L</u>
SD-1-3-92	03/13/92	0.53	1.4
SD-2-3-92	03/13/92	0.58	3.1
SD-3-3-92	03/13/92	0.4	0.5 U
SD-4-3-92	03/13/92	10.6	2.7
SD-5-3-92	03/16/92	25.9	8.9
SD-5D-3-92	03/16/92	25.2	5.2
SD-6-3-92	03/16/92	8.1	2.7
SD-7-3-92	03/13/92	16.5	2.4
SPR#4SED,SPR#4	12/02/86		2
SW#1SED,SW#1	12/02/86		3.2
SW#2SED,SW#2	12/02/86		1.7
SW#3SED,SW#3	12/02/86		1.1
SW#4SED,SW#4	12/02/86		1.5
SW#5,SW#5SED	12/03/86		1
SW#6SED,SW#6	12/03/86		1.5